

Well Name: ABC Oil Anywhere 12-25
Sfc. Location: 03-25-46-12 W4M
BH Location: 12-25-45-12 W4M

Spud Date: Feb 25, 2015 @ 22:15
Days from Spud: 4
K.B. Elevation: 24.90
Ground Elevation: 21.10

Date: Mar 1, 2015
Time: 1600 hrs
Rotating Hours: 20.30 hrs

Depth (MD): 512.50
Depth (TVD): 398.89
Depth (SSL): -373.99
Progress: 114.50
Average R.O.P.: 5.64

Formation: Main Gamba Sandstone

Operational Status: P.O.O.H to run Intermediate Casing.

Operational Summary: Directional Drill ahead to 397m. Repair mud pumps. Directional Drill ahead to 471m. Trip to change BHA. Directional Drill ahead to 512.5m. Circulate bottom hole sample. P.O.O.H. to run Intermediate Casing.

Report From: Bob Sephton

Report To: Freddy Whynot

Remarks: We reached casing point at 1400 hrs local time. We are pretty much on the money with respect to original well plan. I haven't deviated from that for now. There are some encouraging signs and is the best possible spot as far as I can tell up to this point in time. There was one sweeter spot further up on the build section but nothing too spectacular around this depth. Time will tell.

Most of the core rig has arrived and is presently rigging up. I am not sure of whether it is here in its entirety but will monitor the situation.

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Formation Summary

Kelly Bushing Elevation: 24.90 Casing Flange Elevation: 21.08
 Ground Elevation: 21.10 Storage Units: Metric

Group Formation Member	Prognosed Top (TVD)	Sample Top (MD)	Sample Top (TVD)	Subsea Elevation	Thickness MD TVD	Difference from Prognosis
Sephton Sephton Carbonate		227.50	227.50	-202.60		
Sephton Base Sephton Carbonate		266.00	266.00	-241.10		
Sephton Sephton Evaporitic		303.00	301.02	-276.12		
Sifton Salt Top Sifton Salt	305.00	332.40	323.87	-298.97		-18.87
Sifton Salt Base Sifton Salt	324.00	356.20	340.67	-315.77		-16.67
Tidsdale Tidsdale	329.00	362.00	344.47	-319.57		-15.47
Tidsdale Upper Tidsdale Sand (Top)	334.00	368.00	348.41	-323.51		-14.41
Tidsdale Upper Tidsdale Sand (Base)	339.00	377.50	354.29	-329.39		-15.29
Tidsdale First Dolomite		384.50	358.43	-333.53		
Tidsdale Second Dolomite		423.00	377.39	-352.49		
Sephton Group Tidsdale Main Tidsdale Sand	370.00	445.00	385.93	-361.03		-15.93
Tidsdale Intermediate Casing	381.00	522.50	399.21	-374.31		-18.21

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Sephton Sand Sephton Sand Top	400.00	1,003.50	402.17	-377.27		-2.17
Tidsdale Total Depth	388.00	1,047.00	404.53	-379.63	0.00 0.00	-16.53

Lithology Summary

395.00 to 512.50 (117.50)	Refer to Striplog	2015/03/01 00:00:00.00
512.50 to 560.00 (47.50)	Sandstone with minor Cement. Sandstone is predominately light gray, light gray brown, medium to coarse grained, moderately well sorted, subrounded to subangular, quartz, very common micaceous flakes, occasional feldspar, trace chlorite, predominately disaggregated, occasional traces dolomitic cement, good to excellent estimated intergranular porosity (16-24%), common patchy brown oil staining, bright yellow fluorescence, good instantaneous streaming bright yellow cut fluorescence.	2015/03/01 00:00:00.00

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Gas Summary

**** All Gas Values are in Percentage ****

Interval: From: **400.00** to **490.00** Thickness: **90.00**

	TG	C1	C2	C3	IC4	NC4	TC4	IC5	NC5	TC5
MIN	1.340	0.980	0.134	0.013						
MAX	1.560	1.230	0.155	0.014						

Remarks: Background Gas

Interval: From: **490.00** to **512.00** Thickness: **22.00**

	TG	C1	C2	C3	IC4	NC4	TC4	IC5	NC5	TC5
MIN	10.230	6.780	2.450	0.980	0.341	0.231	0.572	0.022	0.054	0.076
MAX	15.670	10.560	3.450	1.450	0.786	0.965	1.751	0.053	0.098	0.151

Remarks: Formation Gas from Main Gamba Sand

Interval: From: **512.00** to **512.50** Thickness: **0.50**

	TG	C1	C2	C3	IC4	NC4	TC4	IC5	NC5	TC5
MIN	91.700	65.400	12.300	3.560	2.430	3.320	5.750	2.120	1.340	3.460
MAX										

Remarks: Trip Gas Prior to Running Casing.